



July 8, 2015

1516 Ninth Street
Art Rosenfeld Hearing Room – First Floor
Sacramento, California 95814

10 a.m.

(Wheelchair Accessible)

THE COMMISSION WILL CONSIDER AND MAY TAKE ACTION ON THE FOLLOWING ITEMS:

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. **CLEAN ENERGY STATES ALLIANCE, INC.** Proposed resolution approving Agreement 500-15-001 with Clean Energy States Alliance, Inc. (CESA) for a \$50,000 contract to renew the Energy Commission's membership for one year, from July 1, 2015 to June 30, 2016. CESA is a unique multistate collaboration of public clean energy funds and state agencies working together to develop and promote clean energy and low-carbon technologies and expand the market for these technologies. (ERPA funding) Contact: Adam Van Winkle.
 - b. **WATSON COGENERATION STEAM AND ELECTRIC RELIABILITY (5TH TRAIN) PROJECT (09-AFC-1C).** Possible approval of an order to terminate the certification of the Watson Cogeneration Steam and Electric Reliability (5th Train) Project as of June 15, 2015. Contact: Mary Dyas.
2. **ENERGY COMMISSION COMMITTEE APPOINTMENTS.** Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (Staff presentation: 5 minutes)
3. **SACRAMENTO COGENERATION AUTHORITY PROCTER & GAMBLE (93-AFC-2C).** Possible approval of an order granting the petition to amend the California Energy Commission Decision. The petition requests to install a second auxiliary boiler (Boiler 1B) and associated facilities at the Procter & Gamble facility. The petition proposes modifications to numerous Air Quality Conditions of Certification and staff proposes changes to Condition of Certification CUL-1 and new Conditions of Certification CUL-4, CUL-5 and CUL-6 to assure compliance with local laws, ordinances, regulations and standards that have changed since the project was licensed. Staff also proposes to add Condition of Certification HAZ-8 to address the safety in the commissioning of new or repaired gas plumbing and pipelines. Contact: Mary Dyas. (Staff presentation: 10 minutes)
4. **BLYTHE ENERGY PROJECT (99-AFC-8C).** Possible approval of an order granting the petition to amend the California Energy Commission Decision. The petition and supplemental information provided proposes reductions to the project's allowable annual

emissions of NO_x, CO, and PM₁₀/PM_{2.5}; the addition of a new annual average NO_x concentration to provide additional assurance that compliance with the proposed new annual limit will be maintained; additional emission limits; and additional monitoring, recordkeeping, and reporting conditions. With the reductions in annual emission limits, as ensured by the staff-proposed conditions of certification, the site will no longer be considered a major stationary source under federal Prevention of Significant Deterioration regulations. Staff is also proposing to renumber the Air Quality Conditions of Certification in the Energy Commission's Final Decision to ease cross reference to District documents. Contact: Mary Dyas. (Staff presentation: 10 minutes)

5. NEW SOLAR HOMES PARTNERSHIP GUIDEBOOK, NINTH EDITION. Proposed resolution adopting revisions to the New Solar Homes Partnership Guidebook, Ninth Edition (NSHP Guidebook). The NSHP Guidebook describes the requirements for participating in the NSHP and receiving incentives for installing eligible solar energy systems on new residential construction located in specified investor-owned utility territories. Proposed changes to the NSHP Guidebook include corrections, clarifications and other minor changes to the program requirements and processes. Contact: Brett Arriaga. (Staff presentation: 5 minutes)
6. WATER ENERGY TECHNOLOGY (WET) PROGRAM. Proposed resolution approving the Water Energy Technology Rebate Program Guidebook. This guidebook focuses on the agricultural phase of the program and describes how the rebate program will be implemented, project and program eligibility, application processing, reporting and documentation and a process for adding technologies to the rebate list. Contact: Virginia Lew. (Staff presentation: 5 minutes)
7. CAL POLY CORPORATION. Proposed resolution approving Agreement 300-15-002 with the Cal Poly Corporation for a \$125,000 contract to provide technical support to the agricultural element of the Water Energy Technology Program. The purpose of this program is to accelerate the deployment of innovative water and energy saving technologies and reduce greenhouse gas emissions. The first phase of the program focuses on innovative technologies for the agricultural sector. (Greenhouse Gas Reduction funding) Contact: Brad Williams. (Staff presentation: 5 minutes)
8. UNIVERSITY OF CALIFORNIA, BERKELEY, CALIFORNIA INSTITUTE FOR ENERGY AND ENVIRONMENT. Proposed resolution approving Agreement 300-15-001 with The Regents of the University of California, on behalf of the California Institute for Energy and Environment, for a \$250,000 contract to provide technical support to the Water Energy Technology Program. The purpose of this program is to accelerate the deployment of innovative energy saving technologies and reduce greenhouse gas emissions. The program focuses on innovative technologies for the residential, commercial and industrial sectors and for renewable energy desalination. (Greenhouse Gas Reduction funding) Contact: Chris Scruton. (Staff presentation: 5 minutes)
9. ELECTRIC AND GAS INDUSTRIES ASSOCIATION (EGIA). Proposed resolution approving Agreement 400-15-003 with EGIA for up to \$20,000,000, to administer a statewide water-reducing, energy-saving appliance rebate program in response to Executive Order B-29-15 proclaiming a State of Emergency in California due to the drought. This contract will implement the Energy Commission's first phase of the

mandated appliance rebate program, including online and instant point of sale rebates. (Greenhouse Gas Reduction funding) Contact: Maunee Berenstein. (Staff presentation: 5 minutes)

10. SALIDA UNION SCHOOL DISTRICT. Proposed resolution approving Agreement 001-15-ECG with Salida Union School District for a \$2,054,469 loan at zero percent interest for energy efficiency measures and photovoltaic (PV) installations at multiple District facilities. Based on the loan amount, the simple payback is 19.7 years. The project will save approximately \$104,177 annually. (ECAA-Ed Program funding) Contact: Jim Holland. (Staff presentation: 5 minutes)
11. NORTH COUNTY FIRE PROTECTION DISTRICT. Proposed resolution approving Agreement 001-15-ECD for a \$227,475 loan at one percent interest to the North County Fire Protection District to install 43.7 kW roof-mounted PV panels at Fire Station No. 5. On completion, the project will reduce about 67,000 kWh of grid electricity consumption annually, saving the District about \$16,420 in utility costs. In addition, the project will reduce about 23 tons of carbon dioxide equivalent (CO₂e) GHG emissions every year. Based on the loan amount, the simple payback is 13.9 years. (ECAA Program funding) Contact: Shahid Chaudhry. (Staff presentation: 5 minutes)
12. UNIVERSITY ENTERPRISES, INC. Proposed resolution approving Agreement 400-15-001 with University Enterprises, Inc. for a \$600,000 contract to purchase and test appliances to determine compliance with Title 20 energy efficiency standards. Testing results are used to support enforcement actions and data collection that can lead to scoping new appliance efficiency regulations. (ERPA funding) Contact: Bruce Helft. (Staff presentation: 5 minutes)
13. NATIONAL RENEWABLE ENERGY LABORATORY. Proposed resolution approving Agreement 600-15-001 with U.S. Department of Energy's National Renewable Energy Laboratory (NREL) for a \$3,600,000 contract to provide technical support to the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). NREL will prepare benefits assessments reports and updates to statewide infrastructure assessments, provide support to the ZEV Action Plan, and provide technical assistance in hydrogen station proposal reviews. (ARFVTP funding) Contact: Jim McKinney. (Staff presentation: 5 minutes)
14. MEDIUM- AND HEAVY-DUTY ADVANCED VEHICLE TECHNOLOGY DEMONSTRATION, PON-14-605. Through this grant solicitation, the Energy Commission sought proposals for the demonstration of advanced vehicle technologies utilizing alternative fuels that will enhance market acceptance and lead to vehicle production and commercialization. Scoring preferences were provided to projects located in disadvantaged communities. (ARFVTP funding) Contact: Larry Rillera. (Staff presentation: 10 minutes)
 - a. HYDROGENICS USA, INC. Proposed resolution approving Agreement ARV-15-001 with Hydrogenics USA, Inc. for a \$2,148,177 grant to conduct an advanced fuel cell bus demonstration project. The demonstration will occur in the Coachella Valley, a region with disadvantaged communities.
 - b. HYDROGENICS USA, INC. Proposed resolution approving Agreement ARV-15-002 with Hydrogenics USA, Inc. for a \$2,679,417 grant to conduct an advanced fuel cell drayage truck demonstration project. The demonstration will

occur in the Ports of Los Angeles and Long Beach, the Alameda Corridor and within disadvantaged communities in these areas.

- c. CALSTART, INC. Proposed resolution approving Agreement ARV-15-003 with CALSTART, Inc. for a \$2,886,248 grant to conduct a battery-electric bus demonstration project. The demonstration will occur in disadvantaged communities of Los Angeles.
 - d. MOTIV POWER SYSTEMS, INC. Proposed resolution approving Agreement ARV-15-004 with Motiv Power Systems, Inc. for a \$2,760,391 grant to conduct a battery-electric Class C school bus demonstration project. The demonstration will occur in the Reedley, Colton, and Los Angeles regions which contain disadvantaged communities.
15. ELECTRIC POWER RESEARCH INSTITUTE, INC. Proposed resolution approving Agreement EPC-15-004 with the Electric Power Research Institute, Inc. for a \$2,834,721 grant to develop and demonstrate a climate-appropriate heating, ventilating and air conditioning system for commercial buildings that integrates variable refrigerant flow technology, indirect evaporative cooling and the building control system to reduce energy use and peak demand. (EPIC funding) Contact: Brad Meister. (Staff presentation: 5 minutes)
16. **Minutes:** Possible approval of the June 10, 2015, Business Meeting Minutes.
17. **Lead Commissioner or Presiding Member Reports.** A Lead Commissioner on a policy matter may report to the Commission on the matter and discussion may follow. A Presiding Member on a delegated committee may report to the Commission on the matter and discussion may follow.
18. **Chief Counsel's Report:** The Energy Commission may adjourn to closed session with its legal counsel [Government Code Section 11126(e)] to discuss any of the following matters to which the Energy Commission is a party:
- a. *Asphalt Roofing Manufacturers Association v. Energy Commission* (Third District Court of Appeal # C076990).
 - b. *In the Matter of U.S. Department of Energy (High Level Waste Repository)*, (Atomic Safety Licensing Board, CAB-04, 63-001-HLW).
 - c. *Communities for a Better Environment and Center for Biological Diversity v. Energy Commission* (Court of Appeal, First Appellate District, # A141299).
 - d. *Energy Commission v. SoloPower, Inc. and SPower, LLC.* (Sacramento County Superior Court # 34-2013-00154569).

The Energy Commission may also discuss any judicial or administrative proceeding that was formally initiated after this agenda was published; or determine whether facts and circumstances exist that warrant the initiation of litigation, or that constitute a significant exposure to litigation against the Commission.

- 19. **Executive Director's Report.**
- 20. **Public Adviser's Report.**
- 21. **Public Comment:** People may speak up to three minutes on any matter concerning the Energy Commission, with the exception of items appearing elsewhere on this agenda or items related to pending adjudicative (certification or enforcement) proceedings.

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Adjournment of Hearings and Meetings: Depending upon time available and the orderly management of proceedings, the Commission may order adjournment (recess or postponement) of any noticed hearing or meeting, to be continued to the next day, another specific date or time, or to the next business meeting, as appropriate. Any such adjournment will be noticed at the time the order of adjournment is made (Government Code §§11128.5, 11129).